

Submarine Air Monitoring and Air Purification 2015



# Agenda

## Monday 5 October

12.00 - 17.00 registration

1800 – 2100 Ice breaker – more details to follow

#### **Tuesday 6 October 2015**

08.00-09.00 Coffee and registration

09.00-09.15 Welcome by Captain Amerlaan, head of submarine flotilla

09.15- 0930 Opening by Wally Mazurek and introduction of delegates

09.30-10.30 Key Developments in SAMAP over the past 20 years - W Mazurek

10.30-11.00 Coffee break

11.00 – 11.30 Operational use of the air quality monitor –Tom Limero/Paul Mudgett

11.30 – 12.00 Results of a Long-Term Demonstration of an Optical Multi-Gas Monitor on ISS – Paul Mudgett/Jeffery Pilgrim

12.00 - 13.00 Lunch

13.00 - 13.30 Real-Time Monitoring of Volatile Organic Compounds in Submarine Air by Chemical Ionisation Mass Spectrometry – Julien Leprovost/Elsa Bauchard/Joël Lemaire/Michel Henninger/Fabrice Arsac/Corninne Grégoire

13.30 – 14 00 Post Fire Monitoring – Hilary Bollan

14.00 – 14.30 Parameters that are known to influence the PAH Emissions Profile from Diesel Engines – Michael Leist

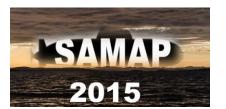
14.30 – 15.00 Diesel particulates and possible cognitive effects – William Gan ?

15.00 – 15.30 Tea Break

15.30 – 16.00 Diesel ventilation by Gareth Toft

16.00 – 16.30 Wrap up for the day

1800 – 2100 Indonesian Rice Table at the hotel



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# Wednesday 7 October 2015

- 08.00-09.00 Coffee
- 09.00-09.15 Welcome by Host
- 09.15- 0930 Opening by Wally Mazurek
- 09.30-10.00 New Life Support System Willigert Raatschen
- 10.00-10.30 Coffee break.
- 10.30 11.00 Air purification on Walrus Class by Jos Bogaert
- 11.00 11.30 CO2 Trials on Walruss Class Submarine Toon Marien
- 11.30 12.00 Integrated Atmosphere Management Peter Row
- 12.00 13.00 Lunch
- 13.00 13.15 Bus to Naval Museum
- 13.30 17 00 Excursion

No Evening Program













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## Thursday 8 October 2015

08.00-09.00 Coffee

- 09.00-09.15 Welcome by Host
- 09.15- 0930 Opening by Wally Mazurek
- 09.30-10.00 Ben Bishop
- 10.00-10.30 Coffee break.
- 10.30 11.00 Naval Submarine Code on Air Purification C Clark
- 11.00 11.30 CO2 MPCs for RAN William Gan ?
- 11.30 12.00 Monitoring for contaminants Canada
- 12.00 13.00 Lunch
- 13.00 13.30 Non-Powered Oxygen Generators by A Goodall/M Leadbeater
- 13.30 14 00 CFD Modelling on Walrus CO2 scrubber Lela Bakiu/Barend van der Giesen
- 14.00 14.30 CO2 Absorbent for High Pressure Applications Tom Daley
- 15.00 15.30 Tea Break
- 15.30 16.00 Paper being verified
- 16.00 16.30 Closing Page

18.00 - 23.00 Bowling and indoor BBQ at the hotel with music from Billy Rock and the Gamblers



